

SAMPLE SITE PLAN GUIDELINES (Transient Non-Community)

If a Public Water System's (PWS) distribution system has discrete water mains that do not loop and each main provides water to a substantial percentage of the service population, then the Bureau of Public Water Supply (BPWS) recommends that the PWS have sampling locations on each main in order to represent the entire distribution system.

Routine sample sites may include:

- * Customer premises (outside faucet recommended)
- * Dedicated sampling stations
- * Other designated compliance sampling locations

Routine Sampling locations:

- * Must be representative of the water in the distribution system. Sites may include looped water lines, storage facilities, high and low pressure zones.
- * Sampling points should reflect the conditions of each different source of water entering the system. For example, if four wells supply water to the system, select sampling points in each area.
- * Select at least one sampling point where the source enters the system.
- * Consider locating more sampling points in populous areas.

Do NOT

- * Use faucets located in weeds, bushes, or within approximately 12 inches of the ground.
 - * Use faucets that leak or are dirty.
 - * Use chrome-plated fixtures, since heating can damage the finish.
 - * Use fire hydrants as sampling sites.
 - * Use sampling sites inside structures or washrooms.
 - * Use locations that have low water usage.
 - * List P.O. Boxes for sample sites.
 - * Use wells as Routine Sample Sites.
- * BPWS does **not** recommend using sites near dead-end lines.

Complete your site plan and select one (1) of the two (2) Resample Options.

Option 1. Collect upstream/downstream within five (5) service connections of the positive Routine (as in the Original TCR and still allowed under Revised TCR).

Option 2. Collect from alternate fixed sites identified on the plan.

Regardless of which resample option you choose, your routine sites must be listed on the 2016 RTCR Microbiological Sample Site Plan and identified on the map. **You must also identify wells, treatment facilities, and tanks on the map.**

Don't forget to **sign** and **date** the Site Plan before submitting to our office for review. Be sure to **include a map** with your sites identified.

RESAMPLE OPTIONS (Transient Non-Community)

Option 1. If you choose to use upstream and downstream sites within five connections (as in the original TCR) for resamples required due to a Total Coliform positive sample or E. coli positive sample, you only need to add the Routine sites that are representative of your distribution system. Check the **Option 1** box on the site plan.

Option 2. If you choose to use alternate **fixed** sites for resamples caused by a Total Coliform positive sample or E. coli positive sample (instead of collecting resamples within five connections upstream and downstream), you must identify the alternate sites with addresses. Check the **Option 2** box on the site plan.

Example:

<u>Site</u>	<u>Address and City</u>	
1	247 Horseshoe Lane, Pearl	<i>(Routine Site)</i>
Res1A	121 Alabaster St, Pearl	<i>(Resample Location for Site 1)</i>
Res1B	250 Hickory Ave, Pearl	<i>(Resample Location for Site 1)</i>
68	200 George St, Pearl	<i>(Routine Site)</i>
Res68A	159 Whispering Pines, Pearl	<i>(Resample Location for Site 68)</i>
Res68B	300 Baptist Blvd, Pearl	<i>(Resample Location for Site 68)</i>